# Metabo Ultra-M Technology

## Communication for more power

The Metabo Ultra-M Technology stands for perfect interplay and communication of machine, battery pack and charger. Your benefits: efficient and gentle charging, optimum energy utilisation and extremely long service life.

Use all benefits of the new Metabo battery pack generation:

ultra M Technology

- **Intelligent battery management** – for maximum performance and service life.
- **Electronic Single Cell Protection (ESCP)** – for extremely long battery pack service life.
- **Patented AIR COOLED charging technology** for faster charging and longer battery service life.
- **Secure investment in a sustainable battery pack system.**

# 3 year battery pack warranty

The Metabo Ultra-M technology permits us to grant you a 3-year warranty on the battery pack – no matter how often you have recharged the battery pack. For all voltage and capacity classes from Metabo.

metabo®
work. don't play.

Your Metabo dealer:

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# Screwdriving and drilling in a new dimension

## The cordless drills/screwdrivers and impact wrenches in the LTX class

NEW

BRUSHLESS TECHNOLOGY

LTX-BL

LTX

# Ultimate power: Strong and compact

LTX

## Compact and light

- **Smallest size in this class**
  for comfortable working
- **Lowest weight (1.8 kg) in this class**
  for low-fatigue working

Competitor A
Competitor B

## Strong and robust

- **30 % more torque (55 Nm / 110 Nm)***
  highest in this class
- **30 % more overload capacity***
  for longer working at the limit
- **20 % more speed***
  for rapid and powerful screwdriving
  **thanks to the unique, powerful Metabo 4-pole motor, developed on the basis of the Ultra-M technology**
- In combination with **torque attachment PowerX3**
  Three times more power applied to the screw up to max 14 x 800 mm.
  Only in connection with the Quick models.

* compared to previous tools

For screw sizes up to max. 12 x 400 mm.

## Metabo Impulse

Selectable "impuls" mode for precise driving and **easier** removal of **damaged** screws and precise spot-drilling on hard materials.

IMPULS

| Cordless Drill/Screwdriver<br>Cordless Impact Wrench | <br>**BS 18 LTX Quick<br>BS 18 LTX Impuls** | <br>**SB 18 LTX Quick<br>SB 18 LTX Impuls** |
|---|---|---|
| **Order no.** | **6.02193<br>6.02191** | **6.02200<br>6.02192** |
| Weight with 5.2 Ah battery pack<br>– with Quick drill chuck<br>– without Quick drill chuck | <br>2.0 kg<br>1.8 kg | <br>2.1 kg<br>1.9 kg |
| Chuck capacity | 1,5 – 13 mm | 1,5 – 13 mm |
| Drill diameter<br>– Wood<br>– Steel<br>– Masonry | <br>65 mm<br>13 mm<br>- | <br>65 mm<br>13 mm<br>16 mm |
| No-load speeds | 0-500 / 0-1.700 /min | 0-500 / 0-1.700 /min |
| Max. impact rate | - | 32.300 /min |
| Max. torque soft/hard | 55 Nm / 110 Nm | 55 Nm / 110 Nm |
| Pulse torque | 60 Nm | 60 Nm |

# Revolutionary: fast, powerful and precise

BRUSHLESS TECHNOLOGY
LTX-BL

## Fast and powerful

- **2,050 revolutions**
- **High torque (44 Nm / 90 Nm)**
  **thanks to innovative, powerful Metabo brushless motor, developed on the basis of the Ultra-M technology**
  for fast work progress when drilling and screwdriving.
  For screw sizes up to max. 10 x 400 mm.
- **In combination with torque attachment PowerX3:**
  Triples the torque for screws up to max. 12 x 600 mm
- **Metabo Quick-System:** quick change without tools for faster working
- Powerful from the smallest to the largest screw

## Compact and light

- **Smallest size in this class**
  for comfortable working
- **Lowest weight (1.7 kg) in this class**
  for low-fatigue working
- Highest power/weight ratio

Competitor A
Competitor B

## Unique precision

- Unique **Metabo torque selector** for precise driving of screws even for very small screws into soft wood.
- **Metabo Impuls:** Selectable "impuls" mode for precise driving and easy removal of jammed screws and precise spot-drilling on hard materials.

IMPULS

## Intelligent brushless motors thanks to Ultra-M technology

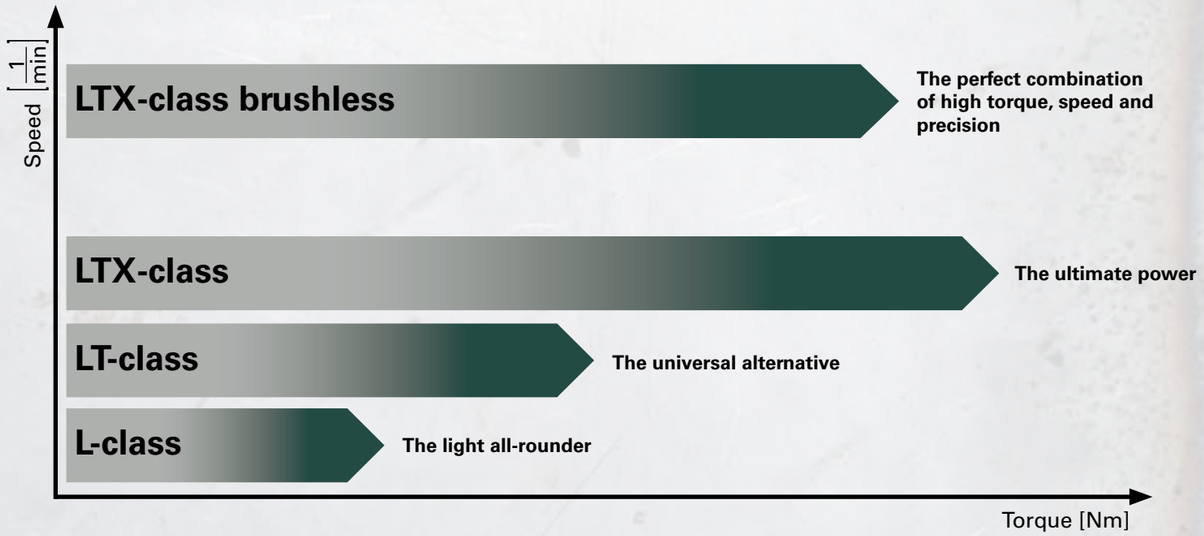
ultra M Technology

- Developed on the basis of the Ultra-M technology, brushless Metabo motors offer **optimum energy utilisation.**
- In combination with the intelligent torque **selection** for **more precision:** Screws from Ø 3 mm can be screwed in flush with always the same precision. The torque setting 1 – 4 ensures that apart from the power also the speed is automatically adapted, permitting precise working particularly for small screws.
- At the touch of a button you can switch between maximum power, impulse mode and preset torque. This **lets you work faster** for changing applications.
- **Increase in efficiency** by means of energy recovery into the battery pack: The energy generated when the motor stops is automatically returned to the battery pack.

| Cordless Drill/Screwdriver<br>Cordless Impact Wrenches | BS 18 LTX BL Quick | SB 18 LTX BL Quick |
|---|---|---|
| **Order no.** | **6.02197** | **6.02199** |
| Weight with 5.2 Ah battery pack<br>– with Quick drill chuck<br>– without Quick drill chuck | <br>1.9 kg<br>1.7 kg | <br>2.0 kg<br>1.8 kg |
| Chuck capacity | 1,5 – 13 mm | 1,5 – 13 mm |
| Drill diameter<br>– Wood<br>– Steel<br>– Masonry | <br>50 mm<br>13 mm<br>- | <br>50 mm<br>13 mm<br>16 mm |
| No-load speeds | 0-600 / 0-2.050 /min | 0-600 / 0-2.050 /min |
| Max. impact rate | - | 38.950 /min |
| Max. torque soft/hard | 44 Nm / 90 Nm | 44 Nm / 90 Nm |
| Pulse torque | 49 Nm | 49 Nm |

# The powerful Metabo programme

## The right machine for any application




## Great freedom: Drive in screws and drill holes with 5.2 Ah for even longer – completely without cable.

**Cost benefit by means of longer service life**

75% less frequent charging =
75% longer service life =
75% less work interruptions =
your cost benefit.

**75% greater endurance**

Compared to the 3.0 Ah battery pack you can work up to 75% longer without having to recharge! Often this is enough for more than a working day.

**Same size, same weight**

The new 5.2 Ah battery pack did not become a single gramme heavier and nor a millimetre larger – more endurance with the same comfort.

**100% compatibility**

The 5.2 Ah battery pack is compatible with all current and future Metabo 18 Volt machines and chargers. Give even more power to your Metabo machines.

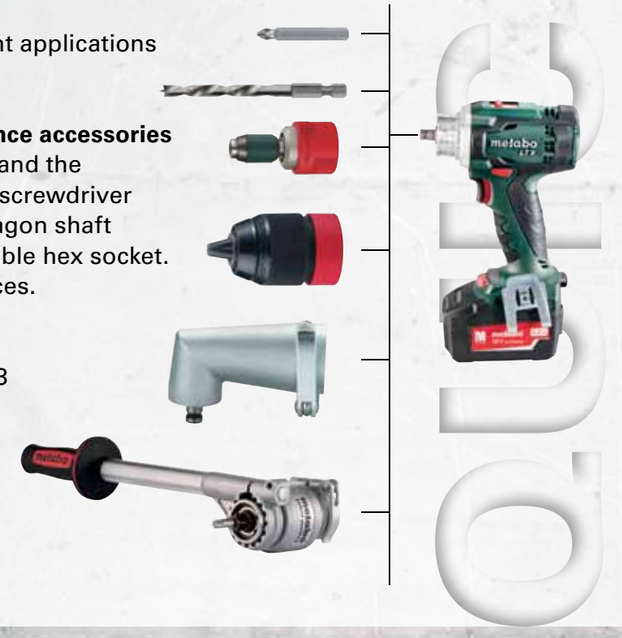
**Resistance against cold and heat**

A fully charged battery pack delivers 100% power from -15 ° to + 50 ° Celsius. Work is possible even in extreme temperatures.

# The Metabo Quick system: Versatile and comfortable

QUICK

- **Faster and more efficient working**
  thanks to switching between different applications without requiring tools.
- **Increase in efficiency with competence accessories**
  Thanks to the Metabo Quick system and the magnetised female hexagon socket, screwdriver bits and drill bits with a Metabo hexagon shaft can be inserted directly into the durable hex socket. This permits drilling in confined spaces.
- **Triple increase in power**
  The high torque attachment PowerX3 triples the power of the tool for extreme applications.




QUICK

## EVEN BETTER WORK RESULTS WITHIN THE SYSTEM WITH ACCESSORIES ADAPTED TO THE TOOLS.

| | | Order no. |
|---|---|---|
| | **Quick change drill chuck Quick**, metal, single sleeve, impact-proof<br>Max. opening: 1.5-13 mm | 6.27240 |
| | **Quick quick change system**<br>very comfortable changing of the screwdriver bits | 6.27241 |
| | **Quick quick change angle adapter**<br>up to 100 Nm | 6.27242 |
| | **PowerX3 torque attachment** | 6.27256 |
| | **HSS-G metal drill bit box**<br>cut, 135° split point 5-piece<br>(3/4/5/6/8 mm) | 6.27112 |
| | **Wood drill box CV**<br>hardened with centring tip 5-piece<br>(3/4/5/6/8 mm) | 6.27111 |

| | | Order no. |
|---|---|---|
| | **Cobalt alloy drill, cut, 135° split point** | 6.27120 |
| | **HSS-CO drill bit storage case, 13-piece**<br>Ø 1.5 / 2 / 2.5 / 3 / 3.2 / 3.5 / 4 / 4.5 / 4.8 / 5 / 5.5 / 6 / 6.5 mm | |
| | **HSS-CO drill bit storage case Promotion, 19-piece**<br>Ø 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 mm | 6.27157 |
| | **High-quality diamond and torsion bits** | 6.25394 |
| | **Bit box torsion Torx (7 pieces)**<br>1 bit each for Torx 10, 15, 20, 25, 30 and 40<br>1 "rapid in/easy out" bit holder | |
| | **Torsion bits**<br>Torque peaks are buffered<br>high service life | |
| | **Bit Box Diamond Universal (7-piece)**<br>1 bit each for slotted-head screws 1.0 x 5.5 mm, 1.2 x 6.5 mm, 1 bit each: Phillips S. 1, 2,<br>1 bit each: Pozidriv S. 1, 2.<br>1 Bit holder "rapid in/easy out". | 6.25397 |
| | **Diamond bits**<br>prevent slipping of the bits<br>transfer the ideal torque | |